

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 769678
Product Name: AllPro ProVect 4E Larvicide
Reference #: EPA REG. NO. 769-678
Company Name: Value Garden Supply **Phone Number:**
PO BOX 585 (888)603-1008
St. Joseph, MO 64502
Web site address: www.allprovector.com
Emergency Contact: Medical: (800)858-7378
CHEMTREC: (800)424-9300
Information:
Part Number: 50030, 50032, 50033

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 3
Acute Toxicity: Oral, Category 5
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2B
Target Organ Systemic Toxicity (single exposure), Category 2
Target Organ Systemic Toxicity (repeated exposure), Category 1
Aspiration Toxicity, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: Flammable liquid and vapor.
May be harmful if swallowed.
Harmful in contact with skin.
Causes mild skin irritation.
Causes damage to organs
Causes damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

GHS Precaution Phrases: Keep container tightly closed.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Take precautionary measures against static discharge.
Use only non-sparking tools.
Take off contaminated clothing and wash it before reuse.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe dust/fume/gas/mist/vapours/spray.

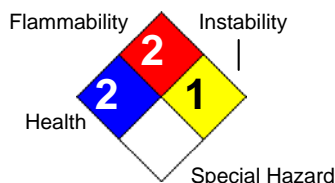
GHS Response Phrases: In case of fire, use POISR/doctor/... to extinguish.
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
Call a POISON CENTER/doctor/... if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water.
Specific treatment see ... on this label.

If skin irritation persists, get medical advice/attention.
IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, get medical advice/attention.
Get medical attention/advice if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

GHS Storage and Disposal Phrases:

Store in cool/well-ventilated place.
Dispose of contents/container in accordance with local/regional/national/international regulations.
Store locked up.

Hazard Rating System:



Potential Health Effects (Acute and Chronic):

Inhalation: May be harmful if inhaled. Acute: May cause respiratory tract irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: Harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Other Non-Hazardous Ingredients	10 - 20 %
3383-96-8	Temephos	45 %
70693-06-0	Aromatic hydrocarbons, C9-11	35 - 45 %

4. FIRST AID MEASURES

Emergency and First Aid

Procedures: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

In Case of Inhalation: Call a poison control center or doctor for further treatment advice.

In Case of Skin Contact: Take off contaminated clothing. rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

In Case of Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

In Case of Ingestion: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Contains an Organophosphate that inhibits cholinesterase. This product may inhibit activity of cholinesterase. Atropine is antidotal. Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine.

5. FIRE FIGHTING MEASURES

Flash Pt: NA Method Used: Estimate
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NA
Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary. Water runoff can cause environmental damage. Dike and collect water used to fight fire.
Flammable Properties and Hazards: No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions.
 Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.
 Environmental precautions. Do not let product enter drains or waterways.

 Clean up spills immediately, observing precautions in the Protective Equipment section.
 Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places where dust is formed. Avoid generating dusty conditions. Normal measures for preventive fire protection.
Precautions To Be Taken in Storing: Keep container tightly closed in a dry and well-ventilated place.
Other Precautions: Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Other Non-Hazardous Ingredients	No data.	No data.	No data.
3383-96-8	Temephos	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3	No data.
70693-06-0	Aromatic hydrocarbons, C9-11	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133

Protective Gloves: Wear appropriate gloves to prevent skin exposure. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Other Protective Clothing: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Engineering Controls (Ventilation etc.): No data available.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Brownish.
Mercaptan-like odor.

Melting Point: NA

Boiling Point: NA

Autoignition Pt: NA

Flash Pt: NA Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 1.0699

Bulk density: ~ 80-90 LB/CF

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: Emulsifies

pH: - 5.0-5.5

Percent Volatile: No data.

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Strong Alkalis. Strong oxidizing agents.

Hazardous Decomposition Or Byproducts: formed under fire conditions. Carbon oxides, Sulphur oxides, oxides of phosphorus.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: No data available.
 CAS# 3383-96-8: Temephos:

Irritation or Corrosion: Acute toxicity, LD50, Oral, Rat, 3000. MG/KG.
 Acute toxicity, LD50, Dermal, Rabbit, 3039. MG/KG.
 Acute toxicity, LC50, Inhalation, Rat, 11.00 G/LIT.
 Skin - rabbit - Mild skin irritation - 24 h.

Carcinogenicity/Other Information: Carcinogenicity.
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Additional studies are needed to to determine whether the cell transforming activity of quartz is related to its carcinogenic potential.

Carcinogenicity: NTP? N.A. IARC Monographs? N.A. OSHA Regulated? N.A.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Other Non-Hazardous Ingredients	n.a.	n.a.	n.a.	n.a.
3383-96-8	Temephos	n.a.	n.a.	n.a.	n.a.
70693-06-0	Aromatic hydrocarbons, C9-11	n.a.	n.a.	n.a.	n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: This product is toxic to aquatic organisms such as stone flies, water fleas, and shrimp.
 Non-target aquatic organisms in waters treated with this product may be killed. Some populations reestablish rapidly, but diversity may be affected. Avoid use of maximum application rate in ecologically sensitive areas. Do not contaminate water by cleaning of equipment or disposing of wastes.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
 Dispose of as unused product.

14. TRANSPORT INFORMATION

GHS Classification: Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor
 Acute Toxicity: Oral, Category 5 - Warning! May be harmful if swallowed
 Acute Toxicity: Skin, Category 4 - Warning! Harmful in contact with skin
 Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
 Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye irritation
 Target Organ Systemic Toxicity (single exposure), Category 2 - Warning! May cause damage to {<target organs>}
 Target Organ Systemic Toxicity (repeated exposure), Category 1 - Danger! Causes damage to {<target organs>} through prolonged or repeated exposure
 Aspiration Toxicity, Category 1 - Danger! May be fatal if swallowed and enters airways.

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Organophosphorus pesticides, liquid, toxic, flammable, [flash point not less than 23 degrees C]
DOT Hazard Class: 6.1 POISON, FLAMMABLE LIQUID
UN/NA Number: UN3017 **Packing Group:** III



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name:
UN Number: 3017 **Packing Group:** III
Hazard Class: 6.1 - POISON, FLAMMABLE LIQUID **Marine Pollutant:** Yes

15. REGULATORY INFORMATION

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
NA	Other Non-Hazardous Ingredients	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No
3383-96-8	Temephos	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8
70693-06-0	Aromatic hydrocarbons, C9-11	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No

Regulatory Information: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust Wash hands before eating, drinking, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuses.

16. OTHER INFORMATION

Revision Date: 12/02/2015

Additional Information About No data available.

This Product:

Company Policy or Disclaimer: This information is provided in good faith, but without express or implied warranty. For additional information, refer to the American Conference of Governmental Industrial Hygienists (ACGIH) documentation of TLV's (Threshold Limit Values) for individual components and the DOT Emergency Response Guidebook.